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To: Andrew Kraft/DC/USEPA/US@EPA
Cc: <[[HYPERLINK "mailto:skaplanomu@yahoo.com"](mailto:skaplanomu@yahoo.com)]>
Date: 02/18/2012 06:48 AM
Subject: RE: Formaldehyde neurodevelopmental studies

Dear
Andrew Kraft
Biologist,
US EPA Office of Research and Development
National Center for Environmental Assessment
Washington, DC USA

Thank you very much for kindly comment on our papers that were published previously.

"We are currently revising the draft Toxicological Review of Formaldehyde and I was hoping that you could provide me with the sex of the neonatal animals that were exposed in these studies, as well as the number of litters (and whether the exposure groups were randomized across litters) used to produce each group of 5 rats?"

"I noticed that male rats were assessed in Aslan et al., but could not find this information in Sarsilmaz et al."

We used the male rats for Sarsilmaz et al. study also, but it was mistakenly forgotten to be mentioned in that paper.

We used three mothers for each group of rats so that we can collect 6 animals for each group. Each two rats were selected from the same mother.

I would be very happy to hear if you need more information on these experiments.

Best regards,

Prof. Dr. Süleyman Kaplan
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Director of Health Sciences Institute
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-----Original Message-----

From: Andrew Kraft [[HYPERLINK "mailto:Kraft.Andrew@epamail.epa.gov"](mailto:Kraft.Andrew@epamail.epa.gov)]
Sent: Monday, February 13, 2012 8:46 PM

To: [[HYPERLINK "mailto:skaplan@omu.edu.tr"](mailto:skaplan@omu.edu.tr)]
Cc: Andrew Kraft
Subject: Formaldehyde neurodevelopmental studies

Hello Dr. Kaplan,

I read with great interest the two following studies on formaldehyde's effects on the developing nervous system:

Sarsilmaz et al. (2007) "Effects of postnatal formaldehyde exposure on pyramidal cell number, volume of cell layer in hippocampus and hemisphere in the rat: a stereological study"

Aslan et al. (2006) "Effects of formaldehyde exposure on granule cell number and volume of dentate gyrus: a histopathological and stereological study"

We are currently revising the draft Toxicological Review of Formaldehyde and I was hoping that you could provide me with the sex of the neonatal animals that were exposed in these studies, as well as the number of litters (and whether the exposure groups were randomized across litters) used to produce each group of 5 rats? I noticed that male rats were assessed in Aslan et al., but could not find this information in Sarsilmaz et al..

Thank you for any help or redirection you can provide. I wish you continued success in your research.

Best Regards,

Andrew Kraft

Biologist, US EPA Office of Research and Development
National Center for Environmental Assessment
Washington, DC USA